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3653

PTO/SB/08A (10-96)

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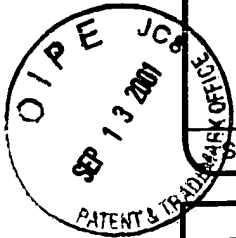
## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

Application Number	09/891,787
Filing Date	06/26/2001
First Named Inventor	Carl Nelson Skold
Group Art Unit	3653
Examiner Name	
Attorney Docket Number	



### U.S. PATENT DOCUMENTS

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
P/M	1	3970518		Giaever	07-20-1976	
	2	4018886		Giaever	04-19-1977	
	3	4101435		Hasegawa	07-18-1978	
	4	4157323		Yen	06-05-1979	
	5	4208294		Khalafalla	06-17-1980	
	6	4230685		Senyei	10-28-1980	
	7	4267235		Rembaum	05-12-1981	
	8	4329241		Massart	05-11-1982	
	9	4358388		Daniel	11-09-1982	
	10	4452773		Molday	06-05-1984	
	11	4554088		Whitehead	11-19-1985	
	12	4654267		Ugelstad	03-31-1987	
	13	4795698		Owen	01-03-1989	
	14	4827945		Groman	05-09-1989	
	15	4935147		Ullman	06-19-1990	
	16	5204457		Maruno	04-20-1993	
	17	5262176		Palmacci	11-16-1993	
	18	5411863		Miltenyi	05-02-1995	
	19	5512332		Liberti	04-30-1996	
	20	5512439		Hornes	04-30-1996	

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### FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

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<b>Group Art Unit</b>	3653
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<b>Attorney Docket Number</b>	

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Sheet	2	of	1
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### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PTD	22	BO JOHNSON, STEFAN LOFAS, and GABRIELLE LINDQUIST, Analytical Biochemistry, 198,268-277 (1991).	
	23	N.D. HEINDEL, M.A.KAUFFMAN, E.K.AKYEA, S.A. ENGEL, M.F. FREY, C.J. LACEY, and R.A. EGOLF, Bioconjugate Chemistry, 5, 98-100, (1994).	
	24	J. BOGWALD, R. SELJELID, and J. HOFFMAN, Carbohydrate Research, 148, 101-107 (1986).	
	25	H. KOBAYASHI and T. MATSUNAGA, Journal of Colloid and Interface Science, 141, 505-511 (1991).	
	26	Z. XU, Q. LIU, and J.A. FINCH, Applied Surface Science, 120, 269-278 (1997).	
	27	SAMARENDRA N. MAITI, MAYA P. SINGH and RONALD G. MICETICH, Tetrahedron Letters, 27, 1423-1424 (1986).	
PTD	28	JEFFRY S. MANN, JIN CHENG HUANG, and JOHN F.W. KEANA, Bioconjugate Chemistry, 3, 154-159 (1992).	

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